CLAIMS

I CLAIM:

1. A dry cleaning business model algorithm comprising the steps of: placing articles to be dry cleaned in a cleaning chamber; agitating the articles in the chamber; formulating a binary vapor comprised of vaporized water and solvent; pressurizing said binary vapor; introducing said binary vapor under pressure into said chamber and onto said articles while being agitated; transporting said binary vapor with debris and soils which may have been removed from the articles by exposure to the binary vapor out of the cleaning chamber; and removing said articles from said chamber.

2. The method of claim 1 wherein debris and soils which may have been removed from the articles are filtered from the binary vapor and the binary vapor is recovered for reuse.

3. A dry cleaning business model algorithm comprising the steps of: placing articles to be dry cleaned in a cleaning chamber; agitating the articles in the chamber; circulating a gaseous fluid including a binary vapor containing vaporized water and vaporized solvent into said chamber and articles; circulating said gaseous fluid with any debris and soils which may have been removed from said articles out of said chamber; and removing said articles from said chamber.

4. A dry cleaning business model algorithm comprising the steps of: placing articles to be dry cleaned in a cleaning chamber having means to tumble the articles; tumbling the articles in the chamber; circulating a gaseous fluid into said chamber and articles and out of said chamber; formulating a binary vapor comprised of vaporized water and solvent; pressurizing said binary vapor; introducing said binary vapor under

-13-

pressure into said chamber and onto said articles while tumbling and being exposed to said gaseous fluid and removing debris and soils from the articles and suspending such debris and soils in the circulating air and the binary vapor; transporting said binary vapor with debris and soils to a filter; filtering debris and soils from the binary vapor; condensing the binary vapor into binary liquid; and removing said articles from said chamber.